

264) - -

At page 3, line 22, please delete "(Katz:87)" and insert in its stead - - (Katz, M., et.al.; *Psychological Medicine* (1987) 17: 297-309) - -.

At page 3, line 25, please delete "``" and insert in its stead - - " - -.

At page 3, line 29, after "affects", please insert - - (- -.

At page 4, line 4, please delete "{Hull:93}" and insert in its stead - - (Hull, J.W., et.al.; *Journal of Nervous and Mental Disease* (1993) 181: 48-53) - -.

At page 4, line 12, please delete "``" and insert in its stead - - " - -.

At page 4, line 14, please delete "weeki" and insert in its stead - - week i - -.

At page 4, line 21, please delete "Al." and insert in its stead - - al. - -.

At page 5, line 2, please delete "course" and insert in its stead - - coarse - -.

At page 7, line 5, please delete "facilitating" and insert in its stead - - facilitate - -.

At page 8, line 2, please delete "as".

At page 9, line 8, after "illustrates" please insert - - a - -.

At page 9, line 20, please delete "over view" and insert in its stead - - overview - -.

At page 9, line 26, please delete "patient".

At page 9, line 32, please delete "graphical" and insert in its stead - - graphically - -.

At page 10, line 26, please delete "and result".

At page 11, line 2, please delete ", some" and insert in its stead - - Some - -.

At page 12, line 18, after "subjects, please insert - - ' - -.

At page 12, line 29, please delete "(Quitkin 1984; 1993)" and insert in its stead - -(Quitkin, F. M., et.al.; *Arch. Gen. Psychiatry* (1984) 41: 782-786; Quitkin, F.M., et.al.; *British Journal of Psychiatry* 163 (suppl. 21): 30-34) - -.

At page 12, line 31, please delete "(Katz:87)" and insert in its stead - - (Katz, M., et.al.; *Psychological Medicine* (1987) 17:

297-309 - -

At page 13, line 3, please delete "(Hull:1993) " and insert in its stead - - (Hull, J.W., et.al.; *Journal of Nervous and Mental Disease* (1993) 181: 48-53) - -.

At page 13, line 13, please delete "subjects " and insert in its stead - - subject's - -.

At page 13, line 18, please delete "Those " and insert in its stead - - those - -.

At page 14, lines 4, after "1", please insert - - a and Figure 3.2 - -.

At page 14, line 5, after "1", please insert - - b - -.

At page 14, line 35, please delete "(Grossberg:82c) " and insert in its stead - - (Grossberg, S.; *Studies of Mind and Brain* (1982), D. Reidel, Dordrecht, Holland) - -.

At page 15, line 3, please delete "adopted " and insert in its stead - - adapted - -.

At page 16, line 30, please delete "{Quitkin:84, Quitkin:87} " and insert in its stead - - (Quitkin, F. M., et.al.; *Arch. Gen. Psychiatry* (1984) 41: 782-786; Quitkin, F. M., et.al.; *Arch. Gen. Psychiatry* (1987) 44: 259-264) - -.

At page 19, line 31, please delete "factor j " and insert in its stead - - factor j - -.

At page 19, line 32, please delete "factor k " and insert in its stead - - factor k - -.

At page 23, line 2, please delete "value B_1 " and insert in its stead - - value B_1 - -.

At page 24, line 15, please delete "coefficients u_1 " and insert in its stead - - coefficients u_1 - -.

At page 25, line 4, please delete " (Grossman, 1982) " and insert in its stead - - (Grossberg, S.; (1982) *Studies of Mind and Brain*, D. Reidel, Dordrecht, Holland) - -.

At page 26, line 6, before "regression", please insert - -a - -.

At page 26, line 22, please delete "was " and insert in its stead - - were - -.

At page 26, line 26, please delete "{BryHo:75} " and insert in its stead - - (Bryson, A.E. and Ho, Y.-C.; (1975) *Applied Optimal Control*, Hemisphere Publishing Co., New York) - -.

At page 26, line 26, after "in", please insert - - Luciano, - -.

At page 27, line 21, please delete "forx " and insert in its stead --
for x - -.

At page 27, line 32 , please delete "where P " and insert in its stead
- -where P - -.

At page 27, line 32, please delete " $(w_{ij}, A_l, B_l, u_l, v_l)$ " and insert in
its stead - -($w_{ij}, A_l, B_l, u_l, v_l$) - -.

At page 27, line 34, please delete "{BryHo:75} " and insert in its
stead - -(Bryson, A.E. and Ho, Y.-C.; (1975) *Applied Optimal
Control* , Hemisphere Publishing Co., New York) - -.

At page 27, line 35, please delete "\$[X_i]\$ " and insert in its stead
- - $[X_i]$ - -.

At page 28, line 20, please delete "of X " and insert in its stead - -of
 X - -.

At page 29 , line 4, please insert - - (3.16) - - at the end of the
line.

At page 29 , line 8, please delete " the k^{th} " and insert in its stead - -
the k^{th} - -.

At page 29 , line 15, after "(t - k)) " please insert - - (3.17) - -.

At page 29 , line 30, please insert - - (3.18) - -.at the end of the
line.

At page 30, line 11, please delete "where l " and insert in its stead
- -where l - -.

At page 32 , line 23 , please delete "factors x_i " and insert in its
stead - - factors x_i - -;

At page 32 , line 25, please delete "of K " and insert in its stead - -
of K - -.

At page 33 , line 3, please delete " of L " and insert in its stead - - of
 L - -.

At page 33, line 4, please delete " of P " and insert in its stead - - of
 B - -.

At page 33, line 12, please delete "{BryHo:75} " and insert in its
stead - -(Bryson, A.E. and Ho, Y.-C.; (1975) *Applied Optimal
Control* , Hemisphere Publishing Co., New York) - -.

At page 34 , line 17, please delete "Because X_i " and insert in its
stead - - Because X_i - -.

At page 36, line 8, please delete "\$L\$ " and insert in its stead - - L

- -.

At page 36, line 24, please delete "derivativex_i" and insert in its stead - - derivative x_i - -.

At page 36 , line 33, please insert - - (- - before "l. e.".

At page 39, line 14, please insert - -to - - before "be".

At page 41, line 9 , please delete "\$ ".

At page 42, line 20, please delete "respo nsediffered " and insert in its stead - - response differed - -.

At page 43, line 18, please delete "{deBoor} " and insert in its stead - -(deBoor, D.C.; (1978)*A practical guide to splines* , Springer-Verlag) - - .

At page 43, line 32, please delete "andp " and insert in its stead - -and p - -.

At page 44, line 1, please delete " N_2 is" and insert in its stead - - N_2 is - -.

At page 45, line 14, after "predicted", please insert - - to - -.

At page 46, line 14, please delete " \".

At page 47, line 17, please delete "}" " after "3-12".

At page 51, line 6, please delete "\$ " before and after "p<0.05".

At page 52 , line 21, please delete "\$n\$" " and insert in its stead - - n - -.

At page 55, line 24, please delete "39\ " and insert in its stead - - 39 - -.

At page 55 , line 24, please delete "57\ " and insert in its stead - - 57 - -.

At page 59, line 9, please delete "}" ".

At page 60, line 29, please delete "}" ".

At page 62, line 3, please delete "parameter B_j " and insert in its stead - -parameter B_j - -.

At page 63, line 29, please delete "\em order} " and insert in its stead - - order - -; also please delete "\em" after "from".

At page 63, line 30, please delete "}" ".

At page 63, line 32, please delete "\ref{Fig:causalEffect} " and insert in its stead - - 3-17 - -.

At page 67, line 12, please delete "resultedfrom " and insert in its stead - - resulted from - -.

At page 67, line 27, please delete "4.1summaries " and insert in its stead - - 4.1 summaries - -.

At page 69, line 24, please delete "{Katz:87, Pande:88, Sotsky:91, Vallejo:91, Filip:93, Hoencamp:94, Katon:94}" and insert in its stead -- (Katz, M., et.al.; (1987) *Psychological Medicine* 17: 297-309; Pande, A., et.al. (1988) *Biological Psychiatry* 24: 91-93; Sotsky, S. M., et. al. (1991) *American Journal of Psychiatry*, 148: 997-1008; Vallejo, J., et. Al. (1991) *Journal of Affective Disorders*, 21: 151-162; Filip, V., et. Al. (1993). *British Journal of Psychiatry*, 163: 35-38; Hoencamp, E., et. al.;(1994) *Journal of Affective Disorders*, 31:235-246; Katon, W., et. al. (1994) *Journal of Affective Disorders*, 31: 81-90) --.

At page 69, line 26 , please delete "{Koscic:89, Nagayama:91, Bowden:93, Hinrichsen:93, Johnson:94, Joyce:94}" and insert in its stead -- (Kocsis, J.H., et. Al. (1989) *Journal of Affective Disorders* 17: 225-260, Nagayama, H., et. Al. (1991) Prediction of efficacy of antidepressants by 1-week test therapy in depression. *Journal of Affective Disorders*, 23: 213-216, Bowden, C., et.al.; (1993). *Journal of Clinical Psychopharmacology* 13: 305-311, Hinrichsen, G., et. Al. (1993) *American Journal of Psychiatry*, 150: 1820-1825, Johnson, S.L., et. Al. (1994) *Journal of Affective Disorders*, 31: 97-109, Joyce, P.R., et.al. (1994). *Journal of Afective Disorders* 30: 35-46) --.

At page 69, line 231 , please delete "{Valleho:91}" and insert in its stead -- (Vallejo, J., et. Al. (1991) *Journal of Affective Disorders*, 21: 151-162) --.

At page 69, lines 34-35 , please delete all "\$".

At page 70, lines 3-4, please delete all "\$".

At page 70, line 2, please delete "{Hoencamp:94}" and insert in its stead -- (Hoencamp, E., et. al.;(1994) *Journal of Affective Disorders*, 31:235-246) --.

At page 70, line 8, please delete "\cite {Bowden:93}" and insert in its stead --(Bowden, C., et.al.; (1993). *Journal of Clinical Psychopharmacology* 13: 305-311) --.

At page 70, line 19, please delete "\cite{Joyce:94}" and insert in its stead -- (Joyce, P.R., et.al. (1994). *Journal of Afective Disorders* 30: 35-46) --.

At page 70, line 22, please delete "{Katon:94}" and insert in its

stead -- (Katon, W., et. al. (1994) *Journal of Affective Disorders*, 31: 81-90) --.

At page 70, line 26, please delete “{Elkin:89} “ and insert in its stead -- (Elkin, I., et.al. (1989) National Institute of Mental Health treatment of depression collaborative, *Archives of General Psychiatry* 46: 971-983.) --.

At page 71, line 1, please delete “ Response“ and insert in its stead -- Responses --.

At page 71, line 14, please delete “{White:86, Katz:87, Pande:88, McGrath:92} “ and insert in its stead -- (White, K. and White, J. (1986) *Journal of Clinical Psychiatry*, 47: 380-382; Katz, M., et.al.; (1987) *Psychological Medicine* 17: 297-309; Pande, A., et.al. (1988) *Biological Psychiatry* 24: 91-93; McGrath, P.J., et.al. (1992) *Journal of Clinical Psychopharmacology* 12: 197-202)

At page 71, line 20, please delete “{Sauer:86} “ and insert in its stead -- (Sauer, H., et.al. (1986) *International Clinical Psychopharmacology* 1: 284-295) --.

At page 71, lines 30-31, please delete “{McGrath:92} “ and insert in its stead -- (McGrath, P.J., et.al. (1992) *Journal of Clinical Psychopharmacology* 12: 197-202)

At page 71 , line 6, please delete “{McGrath:92} “ and insert in its stead -- (McGrath, P.J., et.al. (1992) *Journal of Clinical Psychopharmacology* 12: 197-202)

At page 71, line 12, at both places please delete “{Filip:93} “ and insert in its stead -- (Filip, V., et. al. (1993) *British Journal of Psychiatry*, 163: 35-38) --.

At page 71, line 13, please delete “{Popescu:93} “ and insert in its stead -- (Popescu, C., et.al. (1993). *Roman Journal of Neurology and Psychiatry*, 31: 117-134) --.

At page 72, line 35, please delete “ledto” and insert in its stead -- led to

--.

At page 75, line 20, please delete “{Joyce:89} “ and insert in its stead -- (Joyce, P.R. and Paykel, E. (1989) *Archives of General Psychiatry* 46: 89-99) --.

At page 75, line 28, please delete “Joyce:89, Paykel:72, Raskin:76} “

and insert in its stead -- Joyce, P.R. and Paykel, E. (1989) *Archives of General Psychiatry* 46: 89-99; Paykel, E.S. (1972) *British Journal of Psychiatry* 120: 147-156; Raskin, A. and Crook, T.A. (1976) *Psychological Medicine* 6: 59-70) --.

At page 75, line 29, please delete "{Joyce:89, Simpson:76}" and insert in its stead -- (Joyce, P.R. And Paykel, E. (1989) *Archives of General Psychiatry* 46: 89-99; Simpson, G.M., et.al. (1976) *Archives of General Psychiatry* 33:) --.

At page 75, line 31, please delete "{Joyce: 89, Aboul-Saleh:83}" and insert in its stead --(Joyce, P.R. And Paykel, E. (1989) *Archives of General Psychiatry* 46: 89-99; Aboul-Saleh, M. T. And Coppen, A. (1983) *British Journal of Psychiatry*, 143: 601-603) --.

At page 75, line 33, please delete "{Samson:94}" and insert in its stead -- (Samson, J. A., et. al. (1994) *Psychiatry Research* 51:157-165) --.

At page 76, line 24, please delete "in discussed above.r:pattern" and insert in its stead -- and discussed above. --.

At page 77, line 15, please delete "{BryHo:69, Werbos:74, Rummelhart:86}" and insert in its stead -- (Bryson, A.E. and Ho, Y.-C. (1969) *Applied Optimal Control*. Blaisdell, New York; Werbos, P.J. (1974) *Beyond Regressions: New Tools for Prediction and Analysis in the Behavioral Sciences*. Ph.D. Thesis, Harvard University; Rumelhart, D. E. , Et. Al. (1986) *Nature* 323: 533-536). --.

At page 78, line 27, please delete " " and insert in its stead --

At page 79, line 12, please delete "{Hertz:91}" and insert in its stead -- (Hertz, J., et. Al.(1991) *Introduction to the Theory of Neural Computation*, volume Lecture Notes Vol. 1 of Sante Fe Institute Studies in the Sciences of Complexity, Addison Wesley) --.

At page 83, line 6 , please delete "\$ ".

At page 83, line 22, please delete "{Hamilton:60, Hamilton:67,Filip:93}" and insert in its stead -- (Hamilton,M. (1960) *Journal of Neurological and Neurosurgical Psychiatry* 23: 56-62; Hamilton, M. (1967) *British Journal of Social and Clinical Psychiatry* 8: 278-298; Filip, V., et. al. (1993) *British*

Journal of Psychiatry, 163: 35-38) - -.

At page 83, line 27, please delete “{Lehmann:86} “ and insert in its stead - - (Lehmann, E. L. (1986). *Testing statistical hypotheses*. Wiley Series in Probability and Mathematical Statistics, Wiley, New York) - -.

At page 83, line 28 , please delete “{Luce:71} “.

At page 84, line 4, please delete “ {Luce:71, Luce:90}“ and insert in its stead - - (Luce, R.D., et. Al. (1990) *Foundations of Measurement*, volume 1: Additive and polynomial representations. Academic Press, Inc., New York) - -.

At page 84, line 18, please delete “U.S> “ and insert in its stead - - U.S.- -.

At page 84, line 18, after “60/”, please insert - - 041,287 - -.

At page 84, line 29, please delete “{\em continuous} “ and insert in its stead - - continuous - -.

At page 84, line 31, please delete “{\em categorical} “ and insert in its stead - - categorical - -.

At page 96, line 24, please delete “andlate” and insert - - and late - -.

At page 96, line 30, please delete “{Bowden:93} “ and insert in its stead - - (Bowden, C., et.al.; (1993) *Journal of Clinical Psychopharmacology* 13: 305-311) - -.

At page 96, line 35, please delete “{Johnson:94} “ and insert in its stead - - (Johnson, S.L., et. al. (1994) *Journal of Affective Disorders*, 31: 97-109) - -.

At page 97, line19, please delete “{Rao:73} “ and insert in its stead - - (Rao, C.R. (1973). *Linear Statistical inference and its applications*. Wiley Series in probability and mathematical statistics. Wiley, New York, 2nd edition. A Wiley-Interscience publication) - -.

At page 98, line 19, please delete “samplesize “ and insert in its stead - - sample size - -.

At page 99, line 7, please delete “{Efron:82, Efron:91} “ and insert in its stead - - (Efron, B. (1982) *The Jackknife, the bootstrap, and other resampling plans*. Society for Industrial and Applied Mathematics, Philadelphia, PA; Efron, B. and Tibshirani, R. (1991) *SCIENCE* 253: 390-395) - -.